

## SEQUENCE LISTING

<110> Mattson, Jeanine  
McClanahan, Terrill

<120> Canine RANKL and Methods for Preparing and Using the Same

<130> AH01646K

<140>

<141> 2003-12-10

<150> US60/432092

<151> 2002-12-10

<160> 15

<170> PatentIn version 3.1

<210> 1

<211> 989

<212> DNA

<213> Artificial Sequence

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<223> artificial sequence for canine RANK ligand

<220>

<221> misc\_feature

<222> (1)..(21)

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<222> (865)..(867)

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ttcagggctc agatggatcc taatagaata tcagaagatg acactcaactg cattaataga 180  
attttcaaac tccatgaaaaa tgcatgatttg caagacacaa ctctggagaa tcaagacaca 240  
aaatataac ctgattcgtg taagagcatt aagcaggcct tccgagccgc cgtacaaaag 300  
gaattacaac atattgttag atcacaacac atcagagcag aaaaagctat gatggaaggt 360  
tcatggttgg aaatggccag gaggggcaag actcataactc aacctttgc tcatctcaet 420  
atcaatgcca ctgacatccc atctggttcc cacaaagtga gtctgtccctc ctggtaaccat 480  
gaccgagggtt gggccaagat ctccaaacatg actttcagca atgggaaact aatagttaac 540  
caagatggct tttatccct gtacgccaac atttgcttta gacatcatga aacttcagga 600  
gacctcgcca cagagtatct tcagctgtatgtca ctaaaaaccag catcaaaaatc 660

ccgagttctc atacactgat gaaaggaggt agcaccaaat actggtcagg gaattctgaa	720
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agcatcgagg tatccaaccc atcactactg gaccagatc aagatgcaac atactttggg	840
gcttttaagg ttctagatat agattgagtc ccattttatg gagtgttatt ctgtatttcc	900
gaggatgtat ggaaaatttt tttaaacaag gcaagaaaaga tgtatataga tgtgagacta	960
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Gln Val Val Cys Ser Val Ala Leu Phe Leu Tyr Phe Arg Ala Gln Met		
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Asp Pro Asn Arg Ile Ser Glu Asp Asp Thr His Cys Ile Asn Arg Ile		
35	40	45

Phe Lys Leu His Glu Asn Ala Asp Leu Gln Asp Thr Thr Leu Glu Asn		
50	55	60

Gln Asp Thr Lys Leu Ile Pro Asp Ser Cys Lys Ser Ile Lys Gln Ala			
65	70	75	80

Phe Arg Ala Ala Val Gln Lys Glu Leu Gln His Ile Val Arg Ser Gln		
85	90	95

His Ile Arg Ala Glu Lys Ala Met Met Glu Gly Ser Trp Leu Glu Met		
100	105	110

Ala Arg Arg Gly Lys Thr His Thr Gln Pro Phe Ala His Leu Thr Ile		
115	120	125

Asn Ala Thr Asp Ile Pro Ser Gly Ser His Lys Val Ser Leu Ser Ser		
130	135	140

Trp Tyr His Asp Arg Gly Trp Ala Lys Ile Ser Asn Met Thr Phe Ser

145	150	155	160
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Asn	Gly	Lys	Leu	Ile	Val	Asn	Gln	Asp	Gly	Phe	Tyr	Phe	Leu	Tyr	Ala
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Asn	Ile	Cys	Phe	Arg	His	His	Glu	Thr	Ser	Gly	Asp	Leu	Ala	Thr	Glu
							180		185				190		

Tyr	Leu	Gln	Leu	Met	Val	Tyr	Val	Thr	Lys	Thr	Ser	Ile	Lys	Ile	Pro
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Ser	Ser	His	Thr	Leu	Met	Lys	Gly	Gly	Ser	Thr	Lys	Tyr	Trp	Ser	Gly
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Asn	Ser	Glu	Phe	His	Phe	Tyr	Ser	Ile	Asn	Val	Gly	Gly	Phe	Phe	Lys
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Leu	Arg	Ser	Gly	Glu	Glu	Ile	Ser	Ile	Glu	Val	Ser	Asn	Pro	Ser	Leu
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Leu	Asp	Pro	Asp	Gln	Asp	Ala	Thr	Tyr	Phe	Gly	Ala	Phe	Lys	Val	Leu
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Asp	Ile	Asp
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<223> RANKL dog/S2 primer

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